

California Regional Water Quality Control Board-Los Angeles Region
Contracts and Grants Program

Project Summary: 02-113-254

Project Number:	02-113-254	Project Status:	Completed	Grant Manager:	S Gettel
Project Name:	Implementation & Evaluation of BMPs to Improve Coastal Water Quality	Project on Schedule:	Yes		

Project Details

Watershed:	Multiple Watersheds	Project Description:	In joint effort with UCLA the project will effectively monitor various types of BMPs being implemented in urban areas, and measure indicators that are most relevant for judging potential improvement to water quality, toxicity reduction and removal of pesticides and metals. A key product expected from this project will be a matrix describing the effectiveness of various BMPs for trash, sediments, toxicity and selected chemicals.
Problem Statement:	Over 100 TMDLs are planned for development and implementation in coastal waters of Southern California during the next 13 years. These actions are prompted by water quality impairments caused by diverse factors, primarily trash, nutrients, bacteria and toxic chemicals. TMDL implementation to eliminate these impairments will rely upon various BMPs, yet the effectiveness of BMPs for most of these types is unknown. Adequate data on effectiveness of BMPs for trash removal may not predict effectiveness for other factors because of differences in physical, chemical, and biological characteristics. Therefore it is critical that BMP effectiveness for a variety of impairments be known before municipalities and other agencies commit a significant quantities of their implementation resources towards specific devices or approaches.	Outcomes:	The goal of this project is to assess the effectiveness of BMPs for reducing the concentration of toxics in coastal watersheds. This goal will be accomplished through collaborative monitoring activities with cooperating agencies that will be implementing BMPs in the southern California coastal area. The agencies that have agreed to collaborate in this project are: Santa Monica Bay Restoration Project, City of Long Beach, Los Angeles County Department of Public Works, and County of Orange Public Facilities and Resources Department.

Contract

Execution Date:	1/1/02	End Date:	1/30/04
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Contractor

Contractor Type:	PR	Project Director	Project Assistant
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Funding and Invoices

Funding Source: Prop 13

Fund Summary

Project Amount: \$346,065

Match Amount:

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	Award	Match
Allocation	\$346,065.00	
Used	\$346,065.00	\$0.00
Balance	\$0.00	

Deliverables

Line Item	Description	Date		Task Completed
		Due	Receive	
7	Draft and Final Report	9/5/05	9/8/05	Yes
1	QAPP	4/30/04		Yes
2	Sampling and Analysis Plan	4/30/04		Yes
2	Deliverable 4.1 Sampling and Analysis Plan	10/1/04	10/18/04	Yes
3	Deliverable 2.2 QAPP	10/15/04	10/18/04	Yes
4	Deliverable 3.2 List of Candidate BMPs	10/15/04	10/18/04	Yes
5	Deliverable 5.1 Summary of Sampling Activities	10/15/04	10/18/04	Yes
6	Deliverable 5.2 Summary of Test Results	10/15/04	10/18/04	Yes

Events

Date:	6/30/06	Comments:	
Type:	Status report		
Subject:	Status		
Status:			This project was successfully completed in early 2006. The final report, presenting data and an assessment of the Best Management Practices, may be accessed in several places including their website under Technical Report 461 at ftp://ftp.sccwrp.org/pub/download/PDFs/461_bmp.pdf , on our Region 4 website under the Final Reports area found at www.swrcb.ca.gov/rwqcb4/html/fundings.html , and through the Natural Resource Projects Inventory at www.ice.ucdavis.edu/nrpi .
